

IN THE CLAIMS:

Please add new Claim 109 and amend Claims 74, 81, 88, 95 and 102 as shown below. The claims, as pending in the subject application, read as follows:

1. to 73. (Cancelled)

74. (Currently Amended) A user interface comprising:

a property page for adjusting a tone curve for an image acquisition device,  
wherein said tone curve shows a transfer function for relating input tones of the image  
acquisition device to output tones, said property page having at least first and second  
selection elements displayed within the property page, each of the at least first and second  
selection elements for selecting and displaying ~~corresponding to a same control and~~  
~~representing~~ a different appearance of a tone control region of the property page, ~~each~~  
~~appearance of the control region corresponding to the same control provided by the~~  
~~property page,~~

wherein the tone control region and the property page are an integral part of  
a same displayed window, and wherein ~~a displayed portion of the property page including~~  
the tone control region changes appearance such that a first appearance of the tone control  
region ~~of the property page~~ is displayed in response to selection of the first selection  
element, and a second appearance of the tone control region ~~of the property page~~ is  
displayed in response to selection of the second selection element, and

~~wherein data corresponding to the same control is input in a different~~  
~~manner in accordance with the different appearances of the control region of the property~~

~~page based on the selection of the first and second selection elements.~~

wherein the first appearance of the tone control region includes user-  
manipulable controls whose manipulation is reflected in said tone curve, and  
wherein the second appearance of the tone control region includes a directly  
manipulable editable tone curve.

75. (Cancelled).

76. (Cancelled).

77. (Previously Presented) A user interface according to Claim 74, wherein said first and second selection elements are shown both when the first appearance is provided and when the second appearance is provided.

78. (Previously Presented) A user interface according to Claim 74, wherein said control element comprises at least one element selected from the group of list boxes, text boxes, check boxes, slides, buttons, and editable curves.

79. (Cancelled).

80. (Original) A user interface according to Claim 74, wherein the user interface is executed in a windowing environment.

81. (Currently Amended) A method for providing a user interface comprising the steps of:

displaying a property page for adjusting a tone curve for an image acquisition device, wherein said tone curve shows a transfer function for relating input tones of the image acquisition device to output tones, and displaying as part of the property page at least first and second selection elements, each of which for selecting and displaying corresponding to a same control and representing a different appearance of a tone control region of the property page, each appearance of the control region corresponding to the same control provided by the property page;

changing ~~a displayed portion including the~~ tone control region of the property page in response to selection of one of the first and second selection elements such that a first appearance of the tone control region ~~of the property page~~ is displayed in response to selection of the first selection element, and a second appearance of the tone control region ~~of the property page~~ is displayed in response to selection of the second selection element,

wherein the control region and the property page are an integral part of a same displayed window, and

~~wherein data corresponding to the same control is input in a different manner in accordance with the different appearances of the control region of the property page based on the selection of the first and second selection elements;~~

wherein the first appearance of the tone control region includes user-manipulable controls whose manipulation is reflected in said tone curve, and

wherein the second appearance of the tone control region includes a directly

manipulable editable tone curve.

82. (Cancelled).

83. (Cancelled).

84. (Previously Presented) A method for providing a user interface according to Claim 81, wherein said first and second selection elements are shown both when the first appearance is provided and when the second appearance is provided.

85. (Previously Presented) A method for providing a user interface according to Claim 81, wherein said control element comprises at least one element selected from the group of list boxes, text boxes, check boxes, slides, buttons, and editable curves.

86. (Cancelled).

87. (Original) A method for providing a user interface according to Claim 81, wherein the user interface is executed in a windowing environment.

88. (Currently Amended) An apparatus for providing a user interface, comprising:

a memory for storing executable process steps including executable process

steps for a user interface;

input means for inputting data;

output means for outputting data; and

a processor for executing the process steps stored in said memory so as (1)

to display a property page for adjusting a tone curve for an image acquisition device,

wherein said tone curve shows a transfer function for relating input tones of the image

acquisition device to output tones, and to display as part of the property page at least first

and second selection elements, each for selecting and displaying ~~corresponding to a same~~

~~control and representing~~ a different appearance of a tone control region of the property

page, ~~each appearance of the control region corresponding to the same control provided by~~

~~the property page,~~ and (2) to change a displayed portion including the tone control region

of the property page in response to selection of one of the first and second selection

elements such that a first appearance of the tone control region ~~of the property page~~ is

displayed in response to selection of the first selection element, and a second appearance of

the tone control region ~~of the property page~~ is displayed in response to selection of the

second selection element,

wherein the control region and the property page are an integral part of a

same displayed window, and

~~wherein data corresponding to the same control is input in a different~~

~~manner in accordance with the different appearances of the control region of the property~~

~~page based on the selection of the first and second selection elements.~~

wherein the first appearance of the tone control region includes user-

manipulable controls whose manipulation is reflected in said tone curve, and

wherein the second appearance of the tone control region includes a directly manipulable editable tone curve.

89. (Cancelled).

90. (Cancelled).

91. (Previously Presented) An apparatus for providing a user interface according to Claim 88, wherein said first and second selection elements are shown both when the first appearance is provided and when the second appearance is provided.

92. (Previously Presented) An apparatus for providing a user interface according to Claim 88, wherein said control element comprises at least one element selected from the group of list boxes, text boxes, check boxes, slides, buttons, and editable curves.

93. (Cancelled).

94. (Original) An apparatus for providing a user interface according to Claim 88, wherein the user interface is executed in a windowing environment.

95. (Currently Amended) Computer-executable process steps stored on a computer-readable medium, the process steps for use on a computer system to provide a

user interface, the process steps comprising:

code to display a property page for adjusting a tone curve for an image acquisition device, wherein said tone curve shows a transfer function for relating input tones of the image acquisition device to output tones ~~plural elements, each of the plural elements being either shown or hidden,~~ and to display as part of the property page at least first and second selection elements each for selecting and displaying corresponding to a same control and representing a different appearance of a tone control region of the property page, ~~each appearance of the control region corresponding to the same control provided by the property page;~~ and

code to change ~~a displayed portion including~~ the tone control region of the property page in response to selection of one of the first and second selection elements such that a first appearance of the tone control region ~~of the property page~~ is displayed in response to selection of the first selection element, and a second appearance of the tone control region is displayed in response to selection of the second selection element,

wherein the control region and the property page are an integral part of a same displayed window, and

~~wherein data corresponding to the same control is input in a different manner in accordance with the different appearances of the control region of the property page based on the selection of the first and second selection elements.~~

wherein the first appearance of the tone control region includes user-manipulable controls whose manipulation is reflected in said tone curve, and

wherein the second appearance of the tone control region includes a directly

manipulable editable tone curve.

96. (Cancelled).

97. (Cancelled).

98. (Previously Presented) Computer-executable process steps according to Claim 95, wherein said first and second selection elements are shown both when the first appearance is provided and when the second appearance is provided.

99. (Previously Presented) Computer-executable process steps according to Claim 95, wherein said control element comprises at least one element selected from the group of list boxes, text boxes, check boxes, slides, buttons, and editable curves.

100. (Cancelled).

101. (Original) Computer-executable process steps according to Claim 95, wherein the computer-executable process steps are executed in a windowing environment.

102. (Currently Amended) A computer-readable medium which stores computer-executable process steps for use on a computer system to provide a user interface, the process steps comprising:



a displaying step to display a property page for adjusting a tone curve for an image acquisition device, wherein said tone curve shows a transfer function for relating input tones of the image acquisition device to output tones, and to display as part of the property page at least first and second selection elements each for selecting and displaying corresponding to a same control and representing a different appearance of a tone control region of the property page, each appearance of the control region corresponding to the same control provided by the property page;

a changing step to change ~~a display portion including the~~ tone control region of the property page in response to selection of one of the first and second selection elements such that a first appearance of the tone control region of the property page is displayed in response to selection of the first selection element, and a second appearance of the tone control region of the property page is displayed in response to selection of the second selection element,

wherein the control region and the property page are an integral part of a same displayed window, and

~~wherein data corresponding to the same control is input in a different manner in accordance with the different appearances of the control region of the property page based on the selection of the first and second selection elements.~~

wherein the first appearance of the tone control region includes user-manipulable controls whose manipulation is reflected in said tone curve, and

wherein the second appearance of the tone control region includes a directly manipulable editable tone curve.

103. (Cancelled).

104. (Cancelled).

105. (Previously Presented) A computer-readable medium according to Claim 102, wherein said first and second selection elements are shown both when the first appearance is provided and when the second appearance is provided.

106. (Previously Presented) A computer-readable medium according to Claim 102, wherein said control element comprises at least one element selected from the group of list boxes, text boxes, check boxes, slides, buttons, and editable curves.

107. (Cancelled).

108. (Original) A computer-readable medium according to Claim 102, wherein the process steps are computer-executable in a windowing environment.

109. (New) A user interface according to Claim 74, wherein said at least first and second selection elements are arranged based on the familiarity of the corresponding appearance of the tone control region to users of different levels of expertise or based on the complexity of the corresponding appearance of the tone control region.

110. (New) A method according to Claim 81, wherein said at least first and second selection elements are arranged based on the familiarity of the corresponding appearance of the tone control region to users of different levels of expertise or based on the complexity of the corresponding appearance of the tone control region.

111. (New) An apparatus according to Claim 88, wherein said at least first and second selection elements are arranged based on the familiarity of the corresponding appearance of the tone control region to users of different levels of expertise or based on the complexity of the corresponding appearance of the tone control region.

112. (New) Computer-executable process steps according to Claim 95, wherein said at least first and second selection elements are arranged based on the familiarity of the corresponding appearance of the tone control region to users of different levels of expertise or based on the complexity of the corresponding appearance of the tone control region.

113. (New) A computer-readable medium according to Claim 102, wherein said at least first and second selection elements are arranged based on the familiarity of the corresponding appearance of the tone control region to users of different levels of expertise or based on the complexity of the corresponding appearance of the tone control region.